

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S SOCKET NUMBER  
06275-441US1 100741-1P US

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

**10/525121**

INTERNATIONAL APPLICATION NO.  
PCT/SE2003/001287

INTERNATIONAL FILING DATE  
19 August 2003

PRIORITY DATE CLAIMED  
21 August 2002

**TITLE OF INVENTION**

N-4-PiperidinyI Compounds as CCR5 Modulators

**APPLICANT(S) FOR DO/EO/US**

John Cumming, Jon Winter

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 C.F.R. 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:  
Copies of the published International Application (36 pages); ISR (6 pages); IPRP (5 pages)

**CERTIFICATE OF MAILING BY EXPRESS MAIL**  
Express Mail Label No. EV 664068072 US  
Date of Deposit: February 18, 2005

107525121

PCT/SE2003/001287

06275-441US1

The following fees have been submitted

DT01 Rec'd PCT/STC 18 FEB 2005  
CALCULATIONS PREPARED

21. ☒ Basic national fee.....\$300
22. ☒ Examination fee  
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of  
PCT Article 33(1)-(4).....\$100  
All other situations.....\$200
23. ☒ Search fee  
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an  
International Searching Authority.....\$100  
International Search Report prepared and provided to the Office.....\$400  
All other situations.....\$500

\$300.00

\$200.00

\$500.00

Total of 21, 22 and 23 =

\$1000.00

- ☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding  
sequence listing or computer program listing filed in an electronic medium).  
The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
-100 =	/50=		X \$250

\$0.00

Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed  
priority date (37 C.F.R. 1.492(h)).

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	9 - 20 =	0	x \$50
Independent Claims	1 - 3 =	0	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360

\$0.00

\$0.00

\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$1000.00

- ☐ Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by 1/2.

\$0.00

SUBTOTAL =

\$1000.00

Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed  
priority date (37 C.F.R. 1.492(i))

+

\$0.00

TOTAL NATIONAL FEE =

\$1000.00

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied  
by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property

+

\$40.00

TOTAL FEES ENCLOSED =

\$1040.00

Amount to be  
refunded:

\$0.00

Amount to be  
charged:

\$0.00

- a. ☒ A check in the amount of \$1040.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit  
Account No. 06-1050. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not  
be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be  
filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

PTO Customer No: 26164

Catherine M. McCarty Reg. No. 54,301  
SIGNATURE

Janis K. Fraser, Ph.D., J.D.

NAME

34,819

REGISTRATION NUMBER